

Amendments to the Claims

Please cancel Claims 1-6, 9-13, and 16-97. Please amend Claims 8 and 14. Please add new Claims 98-103.

Claim Listing

1 - 6. Canceled

7. (Original) A D-peptide which is a soluble, trimeric peptide model of the HIV gp41 hydrophobic pocket, wherein the D-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise the sequence: LLXLTVWGXXKLQXRXX (SEQ ID NO: 42), wherein L, T, V, W, G, K, Q and R are amino acid residues represented by the single letter amino acid code and X is any D-amino acid residue.

8. (Currently Amended) The D-peptide of Claim 7 wherein the sequence which comprises 17 amino acid residues is selected from the group consisting of: SEQ ID NO: 20; SEQ ID NO: 26; and SEQ ID NO: 27 ~~and SEQ ID NO: 42~~.

9 - 13. Canceled

14. (Currently Amended) An L-peptide which is a soluble, trimeric model of the HIV ~~gp1~~ gp41 hydrophobic pocket, wherein the L-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise the sequence: LLXLTVWGXXKLQXRXX (SEQ ID NO: 42), wherein L, T, V, W, G, K, Q and R are amino acid residues represented by the single letter amino acid code and X is any ~~D-amino~~ L-amino acid residue.

15. (Original) The L-peptide of Claim 14 wherein the sequence which comprises 17 amino acid residues is selected from the group consisting of: SEQ ID NO: 20; SEQ ID NO: 26; and SEQ ID NO: 27.

16 - 97. Canceled

98. (New) A D-peptide which is a soluble, trimeric peptide model of the HIV gp41 hydrophobic pocket, wherein the D-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise SEQ ID NO: 20.
99. (New) A D-peptide which is a soluble, trimeric peptide model of the HIV gp41 hydrophobic pocket, wherein the D-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise SEQ ID NO: 26.
100. (New) A D-peptide which is a soluble, trimeric peptide model of the HIV gp41 hydrophobic pocket, wherein the D-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise SEQ ID NO: 27.
101. (New) An L-peptide which is a soluble, trimeric model of the HIV gp41 hydrophobic pocket, wherein the L-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise SEQ ID NO: 20.
102. (New) An L-peptide which is a soluble, trimeric model of the HIV gp41 hydrophobic pocket, wherein the L-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise SEQ ID NO: 26.
103. (New) An L-peptide which is a soluble, trimeric model of the HIV gp41 hydrophobic pocket, wherein the L-peptide comprises SEQ ID NO: 25 and a sequence which comprises 17 amino acid residues, wherein the 17 amino acid residues comprise SEQ ID NO: 27.